

- **Model:** HXLBQ-DTA256
- ★ High Stop Band Rejection
- **Product Name:** Cavity Band Pass Filter
- ★ Low Pass Band Insertion Loss
- **Frequency:** 580~620MHz
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	600MHz
● Pass Band Frequency	580 ~ 620MHz
● Pass Band Insertion Loss	≤2.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥40dB @ DC ~ 566MHz      ≥40dB @ 626 ~ 1000MHz
● Impedance	50 Ohms
● Power Handling	30W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Net weight	TBD

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

<span style="color: red;">●</span> <b>Material</b>	<ul style="list-style-type: none"> <li><span style="color: red;">●</span> Housing: 6061 Aluminum alloy</li> <li><span style="color: red;">●</span> Cover: LY12 Aluminum alloy</li> <li><span style="color: red;">●</span> Tuning screw: H62 Copper alloy</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: red;">●</span> Connectors: H59 Copper, Plated ternary alloy</li> <li><span style="color: red;">●</span> Other screw: Stainless Steel</li> <li><span style="color: red;">●</span> Dimensions: 175*72*60mm</li> </ul>
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